Express Mail #ET793296225US Date of Deposit: 1/17/02

PTO/SB/05 (03-01)

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## **UTILITY PATENT APPLICATION TRANSMITTAL**

PARA 49784 Attorney Docket No. First Inventor Khosro Shamsaifar Electronically Tunable Combline Filter\*

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:    Continuation   Divisional   Continuation-in-part (CIP)   of pnor application No:	Only for new nonprovision	onal applications under 37 CFR 1.53(b))	Expre	ss Mail Label No.	E17932	2962.	2505
See MFP chapter 600 concerning utility patent application contents.   Washington, Dc 20231	APPLICATION ELEMENTS			11 11 11 C C C T 7 7 3 .			-
Computer Program (Appendix) See 37 CFR 1.27.  Computer Program (Appendix) September And Computer Program (Appendix) September See 37 CFR (Appendix) See 37 CFR (Appendix) September See 37 CFR (Appendix) September See 37 CFR	See MPEP chapter 600 cor						
Reference to sequence listing, a table, or a computer program listing appendix	1. (Submit an original and Applicant claims	a duplicate for fee processing)  small entity status.	8. N	Computer Progra ucleotide and/or Amine	am ( <i>Append</i> o Acid Sequ	dix)	Д.
Continuation   Data Sheet Under 37 CFR 1.76;   Continuation   Divisional   Continuation   Divisional   Continuation   Divisional   Continuation   Scammer   Group Art Unit   G	See 37 CFR 1.27.  See 37 CFR 1.27.  Specification  [Total Pages 15]  Descriptive title of the invention  Cross Reference to Related Applications  Statement Regarding Fed sponsored R & D  Reference to sequence listing, a table, or a computer program listing appendix  Background of the Invention  Brief Summary of the Invention  Brief Description  Claim(s)  Detailed Description  Claim(s)  Detailed Description  Claim(s)  Abstract of the Disclosure  Drawing(s) (35 U.S.C. 113) [Total Sheets 5]  Reflection Sequence Listing on:  i. CD-ROM or CD-R (2 copies); or  Statements verifying identity of above copies  ACCOMPANYING APPLICATION PARTS  Accompanying dentity of above copies  ACCOMPANYING APPLICATION PARTS  Accompanying dentity of above copies  ACCOMPANYING APPLICATION PARTS  Accompanying dentity of above copies  II. Depart dentity of above copies  Accompanying dentity of above copies  Accompanying dentity of above copies  Accompanying dentity of above copies  II. Depart dentity of above copies  III. Depart dentity of above copies  III. Depart dentity of above copies  Accompanying dentity of above copies  III. Depart dentity of						
Prior application information  Examiner  Group Art Unit  For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS   Customer Number or Bar Code Label    Insert Customer No. or Attach bar code Jabel Nerel   or	or in an Application Data Sh	eet under 37 CFR 1.76:	pry the rec	alsic illomation pelo	w and m a	premin	nary amenomem,
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS    Customer Number or Bar Code Label   Insert Customer No. or Attach bar code Jabel nere)   Or				of pnor application No :			
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS    Customer Number or Bar Code Label			ho prior on	Group Art Un	nt		
Customer Number or Bar Code Label   Customer No. or Attach bar code label here    Or	Dox 30, is considered a part of	of the disclosure of the accompanying confir	uation or d	ivisional annlication and	d ic haraby i	naarna	n is supplied under rated by reference.
Customer Number or Bar Code Label  Robert P. Lenart  Pietragallo, Bosick & Gordon  Address One Oxford Centre, 38th Floor, 301 Grant Street  City Pittsburgh State PA Zip Code 15219  Country  U.S.  Robert P. Lenart  Registration No. (Attorney/Agent) 30,654	moorporation can only be				application	parts.	
Pietragallo, Bosick & Gordon           Address         One Oxford Centre, 38th Floor, 301 Grant Street           City         Pittsburgh         State         PA         Zip Code         15219           Country         U.S.         Telephone         412-263-4399         Fax         412-261-0915           Name (Print/Type)         Robert P. Lenart         Registration No. (Attorney/Agent)         30,654	Customer Number or Bas Code Label						
AddressOne Oxford Centre, 38th Floor, 301 Grant StreetCityPittsburghStatePAZip Code15219CountryU.S.Telephone412-263-4399Fax412-261-0915Name (Print/Type)Robert P. LenartRegistration No. (Attorney/Agent)30,654	Name	Robert P. Lenart					
AddressOne Oxford Centre, 38th Floor, 301 Grant StreetCityPittsburghStatePAZip Code15219CountryU.S.Telephone412-263-4399Fax412-261-0915Name (Print/Type)Robert P. LenartRegistration No. (Attorney/Agent)30,654		Pietragallo, Bosick & Gordon			· · · · · · · · · · · · · · · · · · ·		
City         Pittsburgh         State         PA         Zip Code         15219           Country         U.S.         Telephone         412-263-4399         Fax         412-261-0915           Name (Print/Type)         Robert P. Lenart         Registration No. (Attorney/Agent)         30,654	Address	One Oxford Centre, 38th Floor, 301	Grant Str	eet		<del></del>	
Country         U.S.         Telephone         412-263-4399         Fax         412-261-0915           Name (Print/Type)         Robert P. Lenart         Registration No. (Attorney/Agent)         30,654	City	Dittahh			15219		
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	Name (Print/Type)	Robert P. Lenart	Reg	istration No. (Attorn	ey/Agent)		30.654
Dale 101/11/2002	Signature Robert 8 2 enact Date 01/17/2002						

atement. This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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## FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL	AMOUNT	OF F	ϽΔΥΜΕΝ	T

(\$) 410.00
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Complete if Known			
Application Number			
Filing Date			
First Named Inventor	Khosro Shamsaifar		
Examiner Name			
Group Art Unit			
Attorney Docket No.	PARA 49784		

METHOD OF PAYMENT	FEE CALCULATION (continued)					
1. The Commissioner is hereby authorized to charge indicated fees and credit any everyowments to:	3. ADDITIONAL FEES					
indicated fees and credit any overpayments to:  Deposit	Large Small					
Account 500859	Entity Entity Fee	ee Paid				
D	Code (\$) Code (\$)	ee Palu				
Account Name Pietragallo	105 130 205 65 Surcharge - late filing fee or oath					
Charge Any Additional Fee Required Under 37 CFR 1.16 and 1 17	127 50 227 25 Surcharge - late provisional filling fee or cover sheet					
Applicant claims small entity status	139 130 139 130 Non-English specification					
See 37 CFR 1 27	147 2,520 147 2,520 For filing a request for ex parte reexamination					
2. Payment Enclosed:	112 920* 112 920* Requesting publication of SIR prior to					
Check Credit card Money Other	Examiner action  113 1.840* 113 1.840* Requesting publication of SIR after					
FEE CALCULATION	113 1,840* 113 1,840* Requesting publication of SIR after Examiner action					
1. BASIC FILING FEE	115 110 215 55 Extension for reply within first month					
Lorgo Entity Small Entity	116 400 216 200 Extension for reply within second month					
Fee Fee Fee Fee Fee Description Code (\$)  Fee Paid	117 920 217 460 Extension for reply within third month					
101 740 201 370 Utility filing fee 370.00	118 1,440 218 720 Extension for reply within fourth month					
106 330 206 165 Design filling fee	128 1,960 228 980 Extension for reply within fifth month					
107 510 207 255 Plant filing fee	119 320 219 160 Notice of Appeal					
108 740 208 370 Reissue filing fee	120 320 220 160 Filing a brief in support of an appeal					
114 160 214 80 Provisional filing fee	121 280 221 140 Request for oral hearing					
	138 1,510 138 1,510 Petition to institute a public use proceeding					
SUBIOTAL (1) (\$) 370.00	140 110 240 55 Petition to revive - unavoidable					
2. EXTRA CLAIM FEES	141 1,280 241 640 Petition to revive - unintentional					
♥ Fee from Ext <u>ra Claim</u> s <u>below</u> <u>Fee Paid</u>	142 1,280 242 640 Utility issue fee (or reissue)					
Total Claims $19 - 20^{**} = 0 \times 9.00 = 0.00$	143 460 243 230 Design issue fee					
Independent 1 - $3^{**}$ = 0 x 42.00 = 0.00	144 620 244 310 Plant issue fee					
Multiple Dependent 0.00 = 0.00	122 130 122 130 Petitions to the Commissioner					
	123 50 123 50 Processing fee under 37 CFR 1.17(q)					
Large Entity Small Entity Fee Fee Fee Fee Fee Description	126 180 126 180 Submission of Information Disclosure Stmt					
Code (\$) Code (\$)	581 40 581 40 Recording each patent assignment per	40.00				
103 18 203 9 Claims in excess of 20	property (times number of properties)	10.00				
102 84 202 42 Independent claims in excess of 3	146 740 246 370 Filing a submission after final rejection (37 CFR § 1.129(a))					
104 280 204 140 Multiple dependent claim, if not paid	149 740 249 370 For each additional invention to be					
109 84 209 42 ** Reissue independent claims over original patent	examined (37 CFR § 1.129(b))					
110 18 210 9 ** Reissue claims in excess of 20	179 740 279 370 Request for Continued Examination (RCE)					
and over original patent	169 900 169 900 Request for expedited examination					
SUBTOTAL (2) (\$) 0.00	of a design application Other fee (specify)					
00B101AE (2)		70				
**or number previously paid, if greater; For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) $(\$)$ 40.	.00				

SUBMITTED BY Complete (if applicable)					
Name (Print/Type)	Robert P. Lenart	Registration No. (Attorney/Agent) 30,654	Telephone	412-263-4399	
Signature	Robert P Zenart		1	01/17/2002	

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